

8. (Amended) A pharmaceutical composition comprising shark cartilage extract with anti-parathyroid hypertensive factor activity according to claim 19, an antihypertensive substance and a pharmaceutically effective carrier.

15. (Amended) The extract according to claim 19, wherein said extract is composed of 5-30% protein, 15-80% mucopolysaccharides and 1-20% Chondroitin Sulfate C.

19. (Amended) A shark cartilage extract with anti-PHF activity, wherein the shark cartilage extract is produced by the following steps:

extracting cleaned, dried, ground shark cartilage with H₂O at a temperature between 4-120°C for 2-4 hours,

centrifuging the resulting suspension 1 at between 5200 to 5700 rpm to separate the suspension into supernatant 1 and pellet,

holding the supernatant 1 in a cooling tank at 4-8°C,

extracting the pellet a second time with H₂O at a temperature between 4-120°C for 2-4 hours,

centrifuging the resulting suspension 2 at between 5200-5700 rpm to separate the suspension into supernatant 2 and pellet,

pooling supernatant 1 with supernatant 2, and

lyophilizing the pooled supernatants to obtain the shark cartilage extract.